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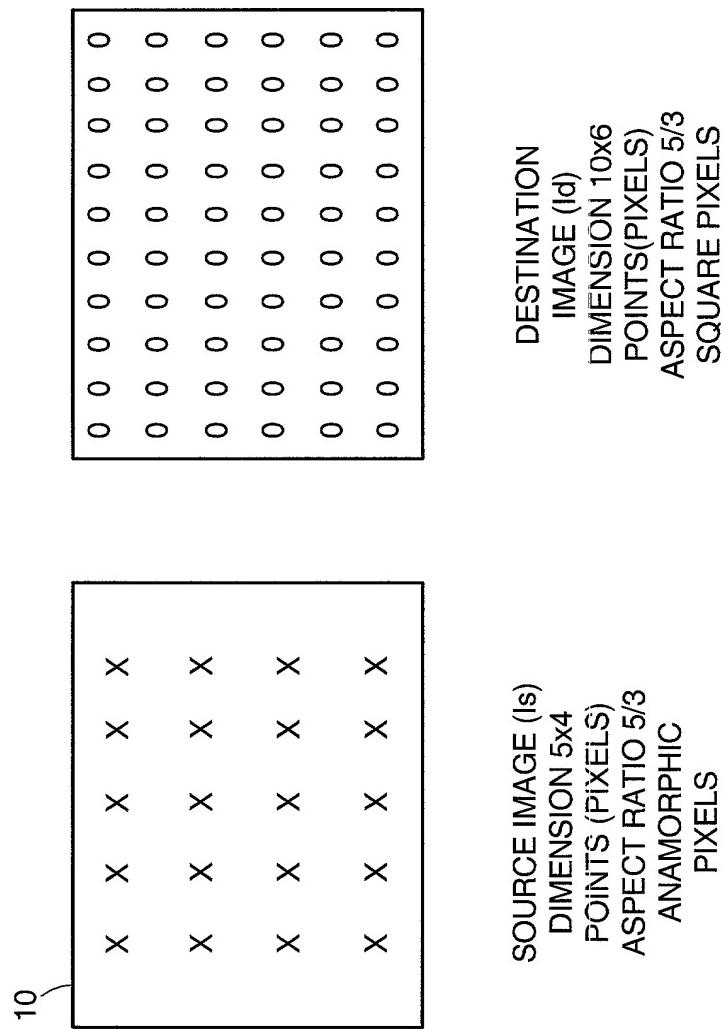


FIG. 1

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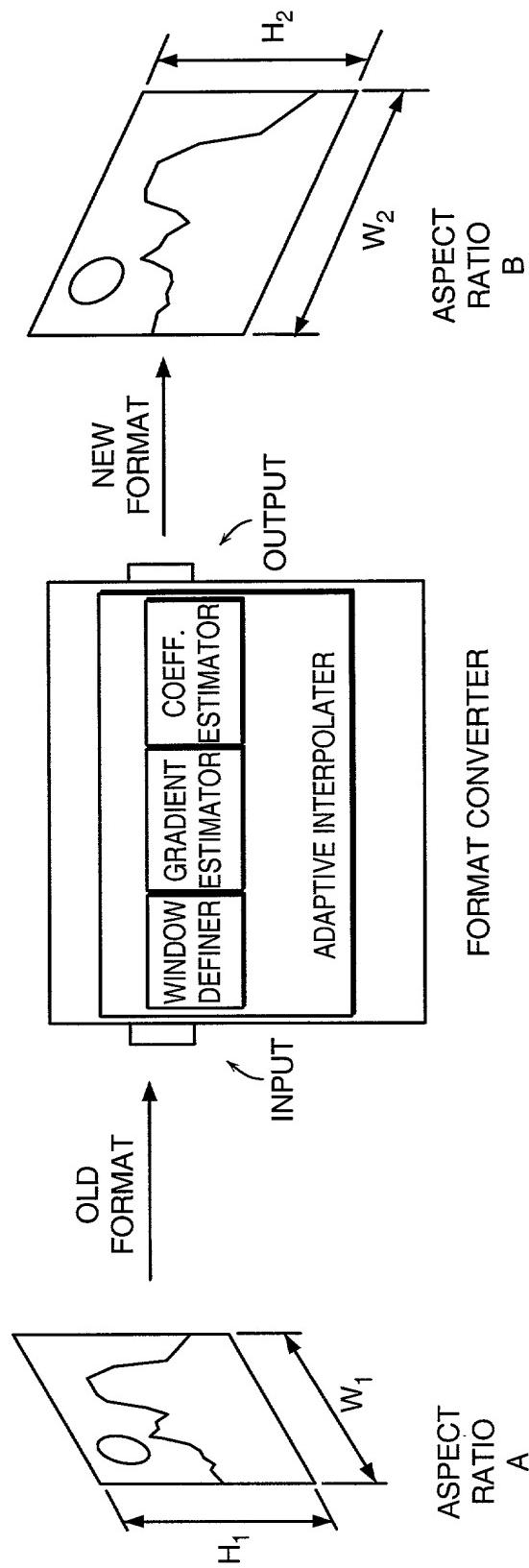


FIG. 2

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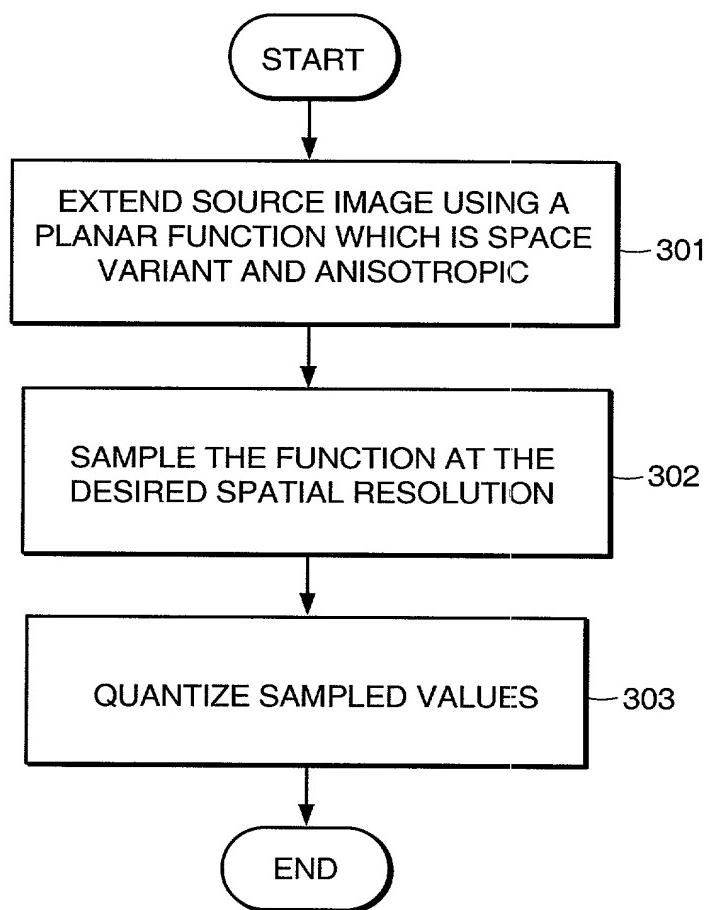


FIG. 3

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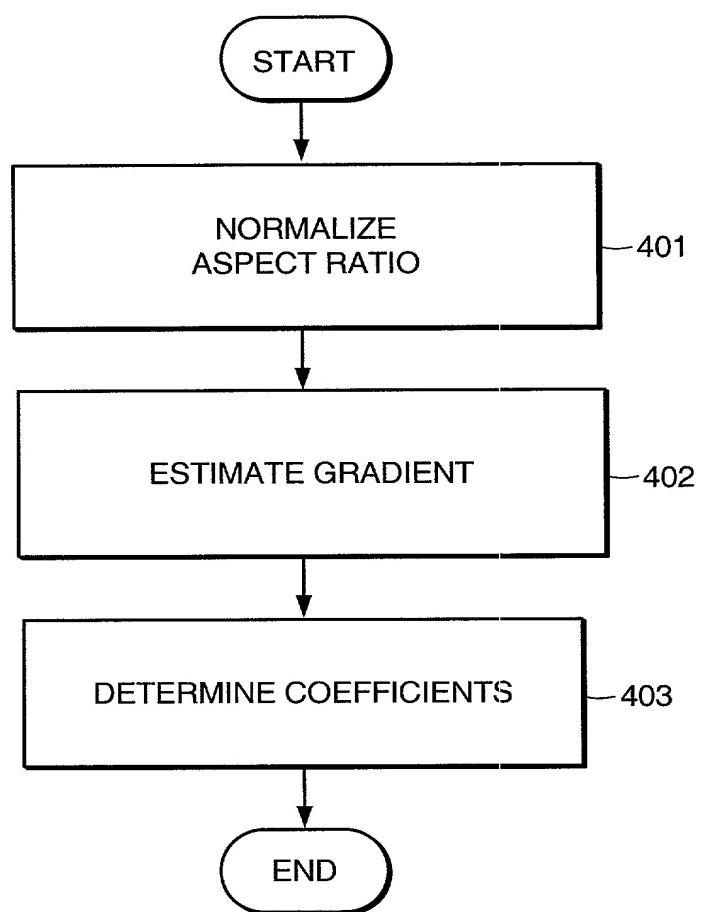


FIG. 4

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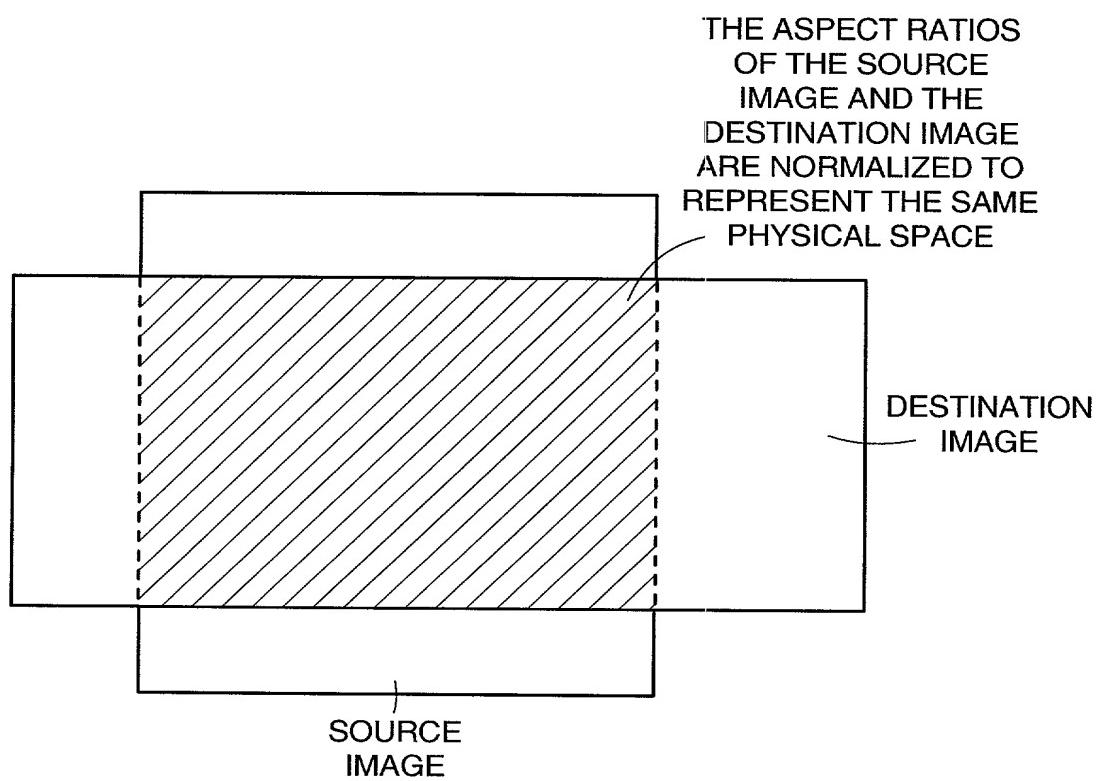


FIG. 4A

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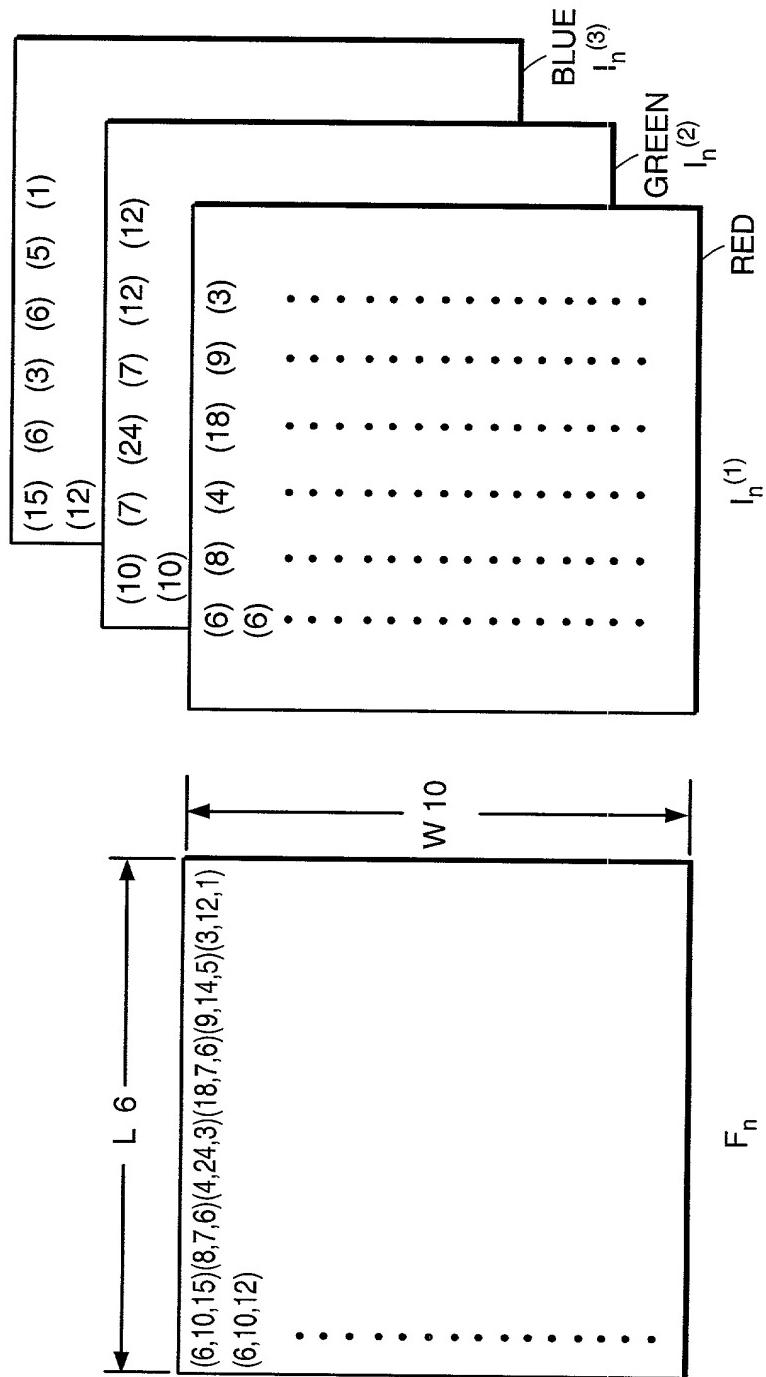


FIG. 5

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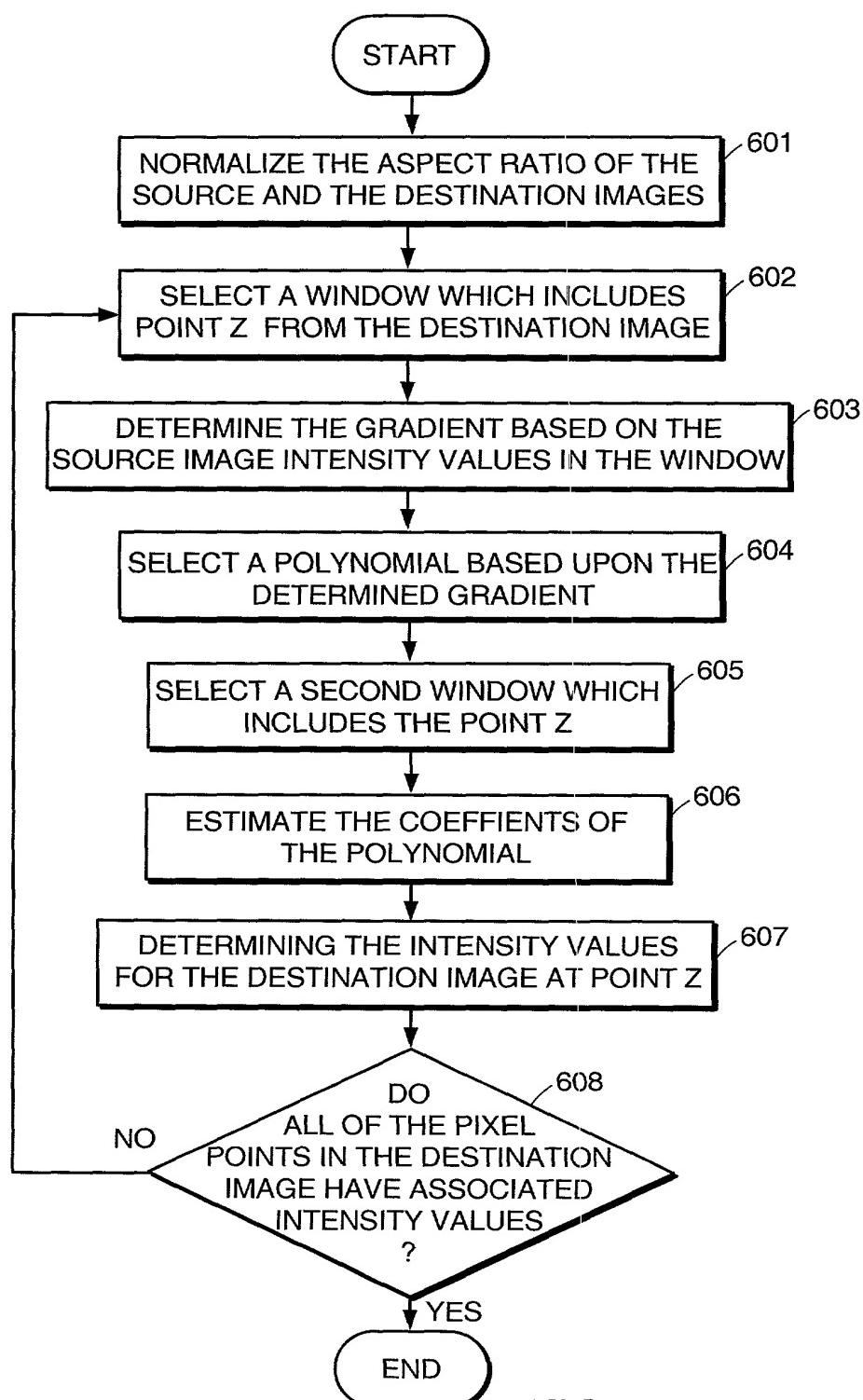


FIG. 6

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	X	0	X	0	X	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	X	0	X	0	X	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	X	0	X	0	X	0
0	0	0	0	0	0	0
Z	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	X	0	X	0	X	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

G: THE POINTS(PIXELS) OF THE SOURCE IMAGE ARE REPRESENTED BY X'S
G': THE POINTS(PIXELS) OF THE DESTINATION IMAGE ARE REPRESENTED BY 0'S

FIG. 7

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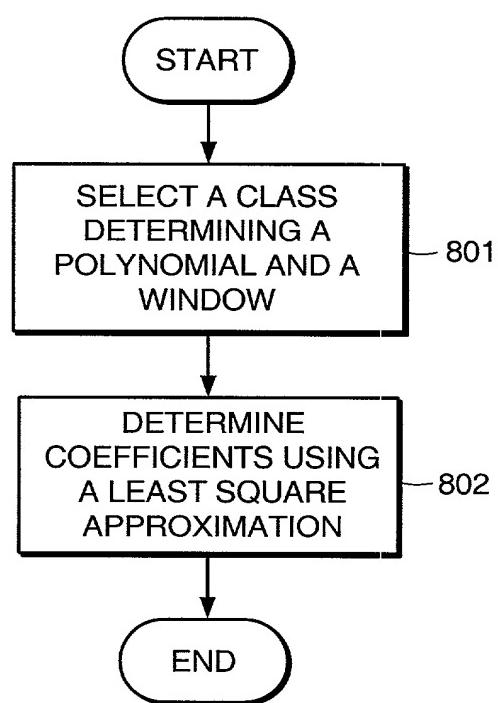


FIG. 8

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GRADIENT		CLASS	POLYNOMIAL	WINDOW SIZE
MAGNITUDE	DIRECTION			
1	1	1	$A+Bx$	2
1	2	2	•	•
1	3	3	•	•
1	4	4	•	•
2	1	5	•	•
2	2	6	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
16			$A+Bx+Cy+Dx^2$	4

FIG. 9

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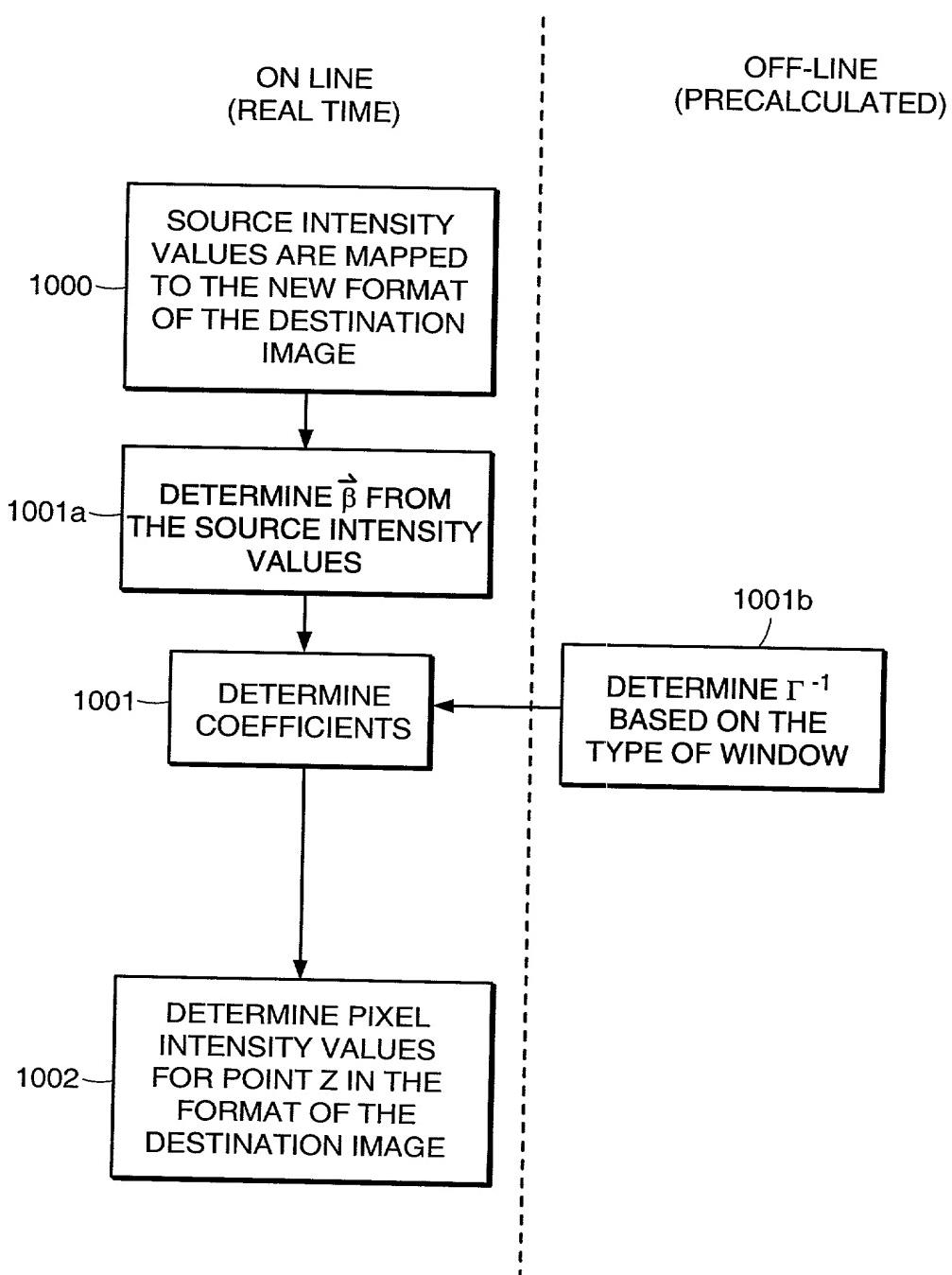


FIG. 10

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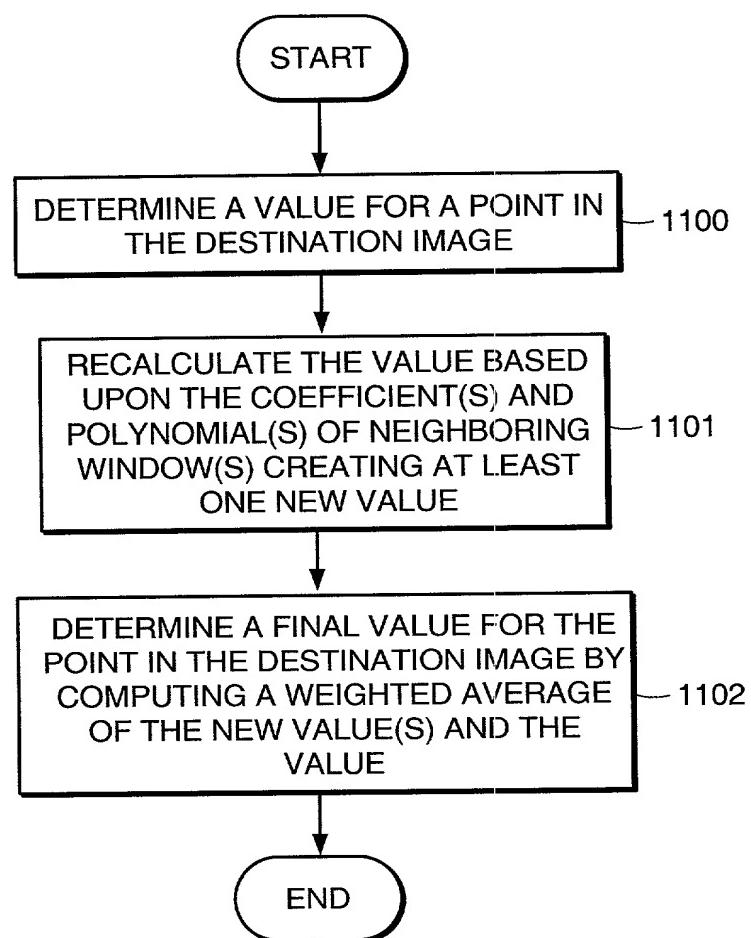


FIG. 11